

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

a plurality of remote patient sites, each site including at least one display configured to be temporarily affixed to a patient and to operate in a monitoring mode;

a data management unit configured to facilitate collection of patient health-related data;

a memory and stored program instructions for generating health-monitoring related information on the display; and

10 at least one central server connectable for communication with the said data management unit at the said remote patient sites to receive said patient health-related data collected at the said remote patient sites, wherein the said central server system is configured to (i) analyze said patient health-related data, (ii) process said patient health-related data, (iii) produce reports, including standardized reports, from the received said patient health-related data, and (iv) transmit said reports to a designated health care professional.

15 2. (CURRENTLY AMENDED) The system of claim 1, wherein the said system is configured to allow a health care professional to select which of a plurality of standardized reports is produced.

3. (CURRENTLY AMENDED) The system of claim 2, wherein
~~the said~~ reports use graphs and/or icons.

4. (CURRENTLY AMENDED) The system of claim 2, wherein
~~the said~~ reports can be generated periodically.

5. (CANCELED).

6. (CURRENTLY AMENDED) The system of claim 1, wherein
~~the said~~ system is configured to cause the presentation of at least
one report on the display at a remote patient site.

7. (CANCELED).

8. (CANCELED).

9. (CURRENTLY AMENDED) The system of claim 1 7, wherein
~~the said~~ system can display said reports, wherein said reports
further comprise formatted statistical or trend information ~~to the~~
~~patient~~.

10. (CANCELED).

11. (CURRENTLY AMENDED) The system of claim 2, further comprising at least one health care professional computer, remotely located from and in signal communication with ~~the~~ said central server.

12. (CURRENTLY AMENDED) The system of claim 2, further comprising at least one health-monitoring device configured to monitor at least one patient health condition at at least one remote patient site and to communicate data related to the monitored condition to ~~the~~ said central server.

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13. (CURRENTLY AMENDED) The system of claim 12 ~~11~~, wherein ~~the~~ said data management unit facilitates collection of said patient health-related data by receiving data related to the monitored condition from at least one of ~~the~~ said health-monitoring devices.

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14. (CURRENTLY AMENDED) The system of claim 12 ~~11~~, wherein at least one of ~~the~~ said health-monitoring devices includes one or more of the set consisting of a blood glucose monitor; a peak flow meter; a blood pressure monitor; a pulse monitor; and a body temperature monitor.

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15. (CURRENTLY AMENDED) The system of claim 2, wherein
~~the said~~ data management unit is configured to facilitate
collection of said patient health-related data entered by a patient
at ~~the said~~ remote patient site using buttons, keys or switches.

16. (CURRENTLY AMENDED) The system of claim 11, wherein
~~the said~~ data management unit is physically separate from ~~the said~~
display.

17. (CURRENTLY AMENDED) The system of claim 14 ~~15~~,
wherein ~~the said~~ memory and ~~the said~~ display form a part of one of
~~the said~~ health-monitoring devices.

18. (CURRENTLY AMENDED) The system of claim 16, wherein
~~the said~~ display is in a handheld device.

19. (CURRENTLY AMENDED) The system of claim 18, wherein
~~the said~~ handheld device is capable of displaying one of (i)
pictorial health-monitoring related information, and (ii) animated
health-monitoring related information.

20. (CANCELED).

21. (CURRENTLY AMENDED) The system of claim 19, wherein
~~the said~~ memory is a program cartridge.

22. (CURRENTLY AMENDED) The system of claim 1, wherein
~~the said~~ remote patient sites further include at least one personal
computer connected to ~~the said~~ data management unit.

23. (CURRENTLY AMENDED) The system of claim 1, wherein
~~the said~~ system is configured to transmit a message for display on
at least one display.

24. (CURRENTLY AMENDED) The system of claim 23, wherein
~~the said~~ message includes step-by-step instructions.

25. (CURRENTLY AMENDED) The system of claim 23, wherein
~~the said~~ message ~~are~~ includes results of a test.

26. (CURRENTLY AMENDED) The system of claim 23, wherein
~~the said~~ message includes a diagnostic indication related to
whether a test has proceeded in a normal fashion.

27. (CURRENTLY AMENDED) The system of claim 23, wherein
~~the said~~ message is a multi-line message.

28. (CURRENTLY AMENDED) The system of claim 23, wherein
~~said message~~ ~~the messages~~ is a health care professional selected
message.

29. (CURRENTLY AMENDED) The system of claim 27 wherein
~~the said~~ health-care professional generates said ~~the selected~~
message.

30. (CURRENTLY AMENDED) The system of claim 23, wherein
~~the said~~ message is educational or motivational.

31. (CURRENTLY AMENDED) The system of claim 27, wherein
~~the said~~ system is configured to cause said message to be
transmitted to a specific patient.

32. (CURRENTLY AMENDED) The system of claim 27, wherein
~~the said~~ system is configured to cause the said message to be
transmitted automatically to ~~the a~~ patient.

33. (CURRENTLY AMENDED) The system of claim 27, wherein
said system enables ~~the a~~ patient to choose when to receive ~~the~~
said message.

34. (CURRENTLY AMENDED) The system of claim 27, wherein
~~the messages~~ said message can be stored before being transmitted to
the a patient.

35. (CURRENTLY AMENDED) The system of claim 12 2,
wherein ~~the~~ said system is configured to allow ~~the~~ a patient to
control the display of information using at least one menu.

36. (CURRENTLY AMENDED) The system of claim 35, wherein
~~the~~ said menu allows ~~the~~ said patient to select any one of the
operational modes from the set consisting of:

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a display mode for displaying relevant information;
an input mode for providing information; and
a communications mode for establishing a link with the
central server.

37. (CURRENTLY AMENDED) The system of claim 35, wherein
~~the~~ said menu allows ~~a~~ said patient to select a monitoring mode in
which at least one of ~~the~~ said health-monitoring devices is used.

38. (CURRENTLY AMENDED) The system of claim 35, wherein
~~the~~ said menu allows ~~a~~ said patient to display messages or
instructions from a health care professional.

39. (CURRENTLY AMENDED) The system of claim 2, wherein the said system is configured to enable the a patient to respond to information on the said display by using a cursor or other indicator positioned at a selected item.

40. (CURRENTLY AMENDED) The system of claim 2, wherein the said system is configured to enable programs to be provided, from the said central server for storage in a said memory and execution at a said remote patient site.

41. (CURRENTLY AMENDED) The system of claim 1, wherein the a patient can indicate user experienced symptoms to the said system.

42. (CURRENTLY AMENDED) The system of claim 1, wherein the said system can capture quantitative measurements.

43. (CURRENTLY AMENDED) The system of claim 42, wherein the said system can capture medication data.

44. (CURRENTLY AMENDED) The system of claim 1, wherein the said collected patient health-related data includes time data.

45. (CURRENTLY AMENDED) The system of claim 11, wherein
the said healthcare professional computer receives said reports the
report after transmitting an authorization code to the server that
identifies an associated healthcare professional as an authorized
user.

46. (PREVIOUSLY PRESENTED) A method of collecting and
processing patient health-related data, comprising:

at a plurality of remote patient sites using a memory and
stored program instructions to generate health-monitoring related
information on at least one display configured to be temporarily
affixed to a patient and to operate in a monitoring mode;

facilitating collection of patient health-related data;
and

collecting patient health-related data;

connecting to at least one central server for
communication with the said data management unit at the said remote
patient sites to receive said patient health-related data collected
at the said remote patient sites; and

wherein said central serve is configured to (i) analyze
said patient health-related data, (ii) process said patient health
related data, (iii) producing reports, including standardized
reports, from the received said patient health-related data, and

(iv) transmit said reports to a designated health care professional.

47. (ORIGINAL) The method of claim 46, further comprising allowing a health care professional to select which of a plurality of standardized reports is produced.

48. (CURRENTLY AMENDED) The method of claim 47, wherein the said reports use graphs and/or icons.

49. (CURRENTLY AMENDED) The method of claim 47, wherein the said reports can be generated periodically.

50. (CANCELED).

51. (ORIGINAL) The method of claim 46, further comprising presenting at least one report on a display at a remote patient site.

52. (CANCELED).

53. (CURRENTLY AMENDED) The method of claim 46 52, wherein further comprising displaying said reports, wherein said

reports further comprise statistical or trend information ~~to the~~
patient.

54. (CANCELED).

55. (CURRENTLY AMENDED) The method of claim 47, further comprising remotely locating and placing in signal communication at least one health care professional computer with the said central server.

56. (CURRENTLY AMENDED) The method of claim 47, further comprising using at least one health monitoring device to monitor at least one patient health condition at least one remote patient site; and

5 to communicate data related to the monitored condition to the said central server.

57. (CURRENTLY AMENDED) The method of claim 56, wherein the said data management unit facilitates collection of said patient health-related data by receiving data related to the monitored condition from at least one of the said health-monitoring devices.

58. (CURRENTLY AMENDED) The method of claim 56, wherein at least one of said health monitoring device includes one or more of the set consisting of a blood glucose monitor;

a peak flow meter;

5 a blood pressure monitor;

a pulse monitor; and

a body temperature monitor.

59. (CURRENTLY AMENDED) The method of claim 47, wherein the said data management unit facilitates collection of said patient health-related data entered by a patient at the remote patient site using buttons, keys or switches.

60. (CURRENTLY AMENDED) The method of claim 56, wherein the said data management unit is physically separate from the said display.

61. (CURRENTLY AMENDED) The method of claim 60 59, wherein the said memory and the said display form a part of at least one of the said health-monitoring devices.

62. (CURRENTLY AMENDED) The method of claim 60, wherein the said display is in a handheld device.

63. (CURRENTLY AMENDED) The method of claim 62, wherein
the said memory is a program cartridge.

64. (CURRENTLY AMENDED) The method of claim 62, wherein
the said handheld device is capable of displaying one of (i)
pictorial health-monitoring related information, and (ii) animated
health-monitoring related information.

65. (CANCELED).

66. (CURRENTLY AMENDED) The method of claim 46, wherein
the said remote patient sites further include at least one personal
computer connected to the said data management unit.

67. (ORIGINAL) The method of claim 46, further
comprising transmitting at least one message and displaying it on
at least one remote patient site display.

68. (CURRENTLY AMENDED) The method of claim 67, wherein
the said message includes step-by-step instructions.

69. (CURRENTLY AMENDED) The method of claim 67, wherein
the said message includes results of a test.

70. (CURRENTLY AMENDED) The method of claim 67, wherein
~~the said~~ message includes diagnostic information indicating whether a test has proceeded in a normal fashion.

71. (CURRENTLY AMENDED) The method of claim 67, wherein
~~the said~~ message is a multi-line message.

72. (CURRENTLY AMENDED) The method of claim 67, wherein
~~the said~~ message is a health care professional selected message.

73. (CURRENTLY AMENDED) The method of claim 67-69,
wherein the health-care professional generates ~~the selected said~~ message.

74. (CURRENTLY AMENDED) The method of claim 67, wherein
~~the said~~ message is educational or motivational.

75. (CURRENTLY AMENDED) The method of claim 69, wherein
~~the said~~ message is transmitted to a specific patient.

76. (CURRENTLY AMENDED) The method of claim 69, wherein
~~the said~~ message is transmitted automatically to ~~the~~ a patient.

77. (CURRENTLY AMENDED) The method of claim 69, wherein
~~the a~~ patient chooses when to receive ~~the~~ said message.

78. (CURRENTLY AMENDED) The method of claim 69, wherein
~~the~~ said message is stored before being transmitted to ~~the~~ a patient.

79. (ORIGINAL) The method of claim 47, wherein ~~the~~ a patient controls the display of information using at least one menu.

80. (CURRENTLY AMENDED) The method of claim 79, wherein
~~the~~ said menu allows ~~a~~ said patient to select any one of the operational modes from the set consisting of:

a display mode for displaying relevant information;
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an input mode for providing information; and
a communications mode for establishing a link with ~~the~~ said central server.

81. (CURRENTLY AMENDED) The method of claim 79, wherein
~~the~~ said menu allows ~~a~~ said patient to select a monitoring mode in which at least one of the health-monitoring devices is used.

82. (CURRENTLY AMENDED) The method of claim 79, wherein the said menu allows a said patient to display messages or instructions from a health care professional.

83. (CURRENTLY AMENDED) The method of claim 47, wherein
the a patient responds to information on the said display by using
a cursor or other indicator positioned at a selected item.

84. (CURRENTLY AMENDED) The method of claim 47, further comprising: providing a program from the said central server to a remote patient site; and

storing in a memory and executing the program at the
5 remote patient site.

85. (CURRENTLY AMENDED) The method of claim 46, wherein the said collected patient health-related data includes user-experienced symptoms.

86. (CURRENTLY AMENDED) The method of claim 46, wherein
said collected patient health-related data includes the ~~system can~~
capture of quantitative measurements.

87. (CURRENTLY AMENDED) The method of claim 46, wherein the said system ~~can~~ is configured to capture medication data.

88. (CURRENTLY AMENDED) The system of claim 1, wherein
~~the said~~ collected patient health-related data includes time data.

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89. (CURRENTLY AMENDED) The method of claim ~~47~~ ~~46~~,
wherein said health care professional receives receiving the report
said reports after transmitting an authorization code to ~~the said~~
central server that identifies an associated healthcare
professional as an authorized user.

90. (CURRENTLY AMENDED) A networked health-monitoring system comprising:

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a plurality of remote patient sites, each site including means for ~~display displaying~~ information configured to be
temporarily affixed to a patient and to operate in a monitoring
mode;

a data management unit means for facilitating collection of patient health-related data;

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a memory means and stored program means for generating health-monitoring related information on the display;

at least one central server for communication with the data management unit means at ~~the said remote~~ patient sites to receive said patient health-related data collected at ~~the said~~ remote patient sites; and

means for (i) analyzing said patient health-related data, (ii) processing said patient health-related data, (iii) producing reports, including standardized reports, from the received said patient health-related data, and (iv) transmitting said reports to a designated health care professional.

91. (NEW) The system of claim 18, wherein said data management unit is contained within said handheld device.

92. (NEW) The system of claim 18, wherein said system is configured to include wireless data transmission between said handheld device and said data management unit.

93. (NEW) The system of claim 12, wherein said system is configured to include wireless data transmission between said data management unit and said health-monitoring device.

94. (NEW) The system of claim 91, wherein said system further comprises at least one health-monitoring device configured to monitor at least one patient health condition at at least one remote patient site and to communicate data related to said monitored patient health condition to said central server and said system is configured to include wireless data transmission between said data management unit and said health-monitoring device.

95. (NEW) The method of claim 62, wherein said data management unit is contained within said handheld device.

96. (NEW) The method of claim 62, comprising wireless communication between said handheld device and said data management unit.

97. (NEW) The method of claim 56, comprising wireless communication between said data management unit and said health-monitoring device.

98. (NEW) The method of claim 95, further comprising at least one health-monitoring device configured to monitor at least one patient health condition at at least one remote patient site and to communicate data related to the monitored patient health condition to said central server and further comprising wireless data transmission between said data management unit and said health-monitoring device.